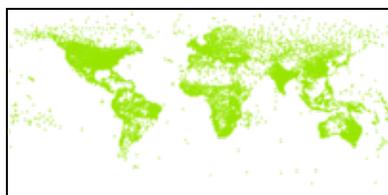


NOSA_WMS

The NOAA Observing System Architecture (NOSA) Project collects information about NOAA Observing Systems into a spatial database and provides a variety of services using that database and various other tools. One of these is a Web Map Service (Capabilities Document) that serves a variety of maps for all NOAA Observing Systems. The first column in this table gives the names of the layers in the map service.

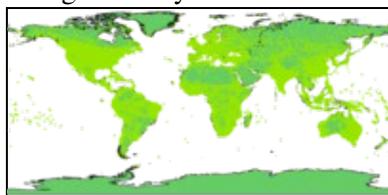
The WMS GetMap URLs include parameters that describe the requested map. These examples demonstrate how those parameters are used:



A single observing system (layer = GHCN Precipitation):

<http://map.ngdc.noaa.gov/wmsconnector/com.esri.wms.Esrimap?BBOX=-180,-90,179,8>

GHCN WMS Image with no background layer



A single observing system (layer = GHCN Precipitation) with a simple continents background layer:

<http://map.ngdc.noaa.gov/wmsconnector/com.esri.wms.Esrimap?BBOX=-180,-90,179,8>

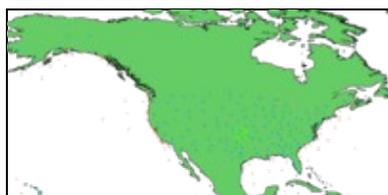
GHCN WMS Image with continents



A single observing system (layer = GHCN Precipitation) with a shaded relief background layer:

<http://map.ngdc.noaa.gov/wmsconnector/com.esri.wms.Esrimap?BBOX=-180,-90,179,8>

GHCN WMS Image with shaded relief



Multiple observing systems (layer = BOY,ARL-SURFRAD,NEXRAD) with a simple continents background layer:

<http://map.ngdc.noaa.gov/wmsconnector/com.esri.wms.Esrimap?BBOX=-165,20,-55,70>

GHCN WMS Image with shaded relief

Tools

- Oracle Spatial
- ESRI ArcIMS
- ESRI Arc GIS Server